



JUNE 2004 ENGINEERING AND RELATED SERVICES SOLICITATION

CONCLUDED: JUNE 16, 2004

A = Estimated Consultant Contract cost < \$100,000

B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000

C = Local Unit of Government Selects Consultant

D = Estimated Consultant Contract cost > \$1,000,000

****Open to All Firms**

Tied on one contract

Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
DISTRICT 1									
D1 1B	2004-01-13**	N/A	1-Jul-04	1-Aug-04	30-Jun-06	Yes	No	Steve Marty	(608)246-7918
DISTRICT 2									
D2 1B	0690-62-42**	N/A	1-Aug-04	30-Aug-04	30-Jun-06	No	No	John Shaw	(262)548-5951
D2 2B	0690-62-51**	N/A	1-Aug-04	30-Aug-04	30-Jun-06	No	No	John Shaw	(262)548-5951
D2 3B	1000-12-29**	N/A	1-Aug-04	30-Aug-04	30-Jun-06	No	No	John Shaw	(262)548-5951
D2 4B	0690-62-48**	N/A	1-Aug-04	30-Aug-04	30-Jun-06	No	No	Craig Andersen	(262)548-8759
DISTRICT 3									
D3 1B	4140-20-00	\$ 500,000	1-Aug-04	1-Sep-04	1-Jan-09	Yes	No	P.F. O'Connor	(920) 492-5641
D3 2B	4065-12-00	\$ 670,000	1-Aug-04	1-Sep-04	1-Sep-07	Yes	No	Bill Bertrand	(920) 492-5708
D3 2B	4065-13-00	\$ 1,003,000	1-Aug-04	1-Sep-04	1-Sep-07	Yes	No	Bill Bertrand	(920) 492-5708
D3 3B	0691-03-44**	NA	01-Jul-04	01-Aug-04	01-Aug-06	No	No	Chris Blazek	(920) 362-6211
DISTRICT 4									
D4 1A	6999-09-12	\$ 720,000	25-Jun-04	1-Aug-04	1-Jan-08	No	No	Wendy Arneson	(715)421-7391
D4 1B	1009-40-90	N/A	1-Jul-04	1-Aug-04	1-Jun-05	No	No	Ron Becker	(715)421-8347
DISTRICT 8									
D8 1C	8743-03-00	\$ 125,000	1-Jul-04	2-Aug-04	1-Feb-05	No	Yes	Dale Brevak	(715)373-6115
BUREAU OF HIGHWAY DEVELOPMENT									
BHD 1B	0656-22-06	N/A	1-Jul-04	1-Aug-04	1-Aug-05	No	No	Drew Kottke	(608)267-3153



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 1

Scope of Service Narratives:

D1 1B Open to all firms Use the DT1819 NOI

Project ID: 2004-01-13

Specialty Master Contracts

Technical Services Section, Survey Unit

Two contracts will be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for two specialty master contracts. The work performed under these contracts will consist primarily of completing certified surveys for District 1's excess land sales. Work includes:

- Research
- Staking
- Drafting
- Recording
- Stamping
- and other incidentals necessary to complete a Certified Survey Map (C.S.M.)

Additional work performed under this contract will consist of providing section corner location services.

Work may include research, location/verification of existing section corners, establishing new section corners, recording, stamping and any other documentation necessary to complete the work. Contract work must be performed by a registered land surveyor.

Contact person: Steve Marty (608) 246-7918



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 2

Scope of Service Narratives:

D2 1B Open to all firms Use the DT1819 NOI

Project ID: 0690-62-42

Microsimulation Master Contract

Three contracts will be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

Objective:

To support the District 2 highway improvement program and the Freeway System Operational Assessment (FSOA) project by refining and applying traffic microsimulation models, carrying out traffic pattern and Level of Service (LOS) analyses, determining optimal signal timings, and conducting vehicle crash analysis on large portions of the southeast Wisconsin highway system or prioritized corridors within the system including freeways and/or arterials. Required model size, level of detail, and number of alternatives to be evaluated will vary depending upon the requirements of each work order.

Scope:

Apply microsimulation modeling software including PARAMICS and possibly CORSIM, along with supporting traffic analysis and GIS software packages to support a variety of District 2 projects. Perform LOS analysis using and the most recent HCS software and Highway Capacity Manual. Evaluate traffic signal and ramp meter timing using appropriate software such as PASSER, TRANSYT 7F, SYNCHRO, and/or SIGNAL software. Support improvement efforts by participating in the development of system or corridor performance improvement alternatives. Prepare automated data extracts for input to benefit/cost analysis of proposed alternatives.

Major Deliverables:

Fully functioning microsimulation models consistent with traffic simulation guidelines and good engineering practice. Summaries and recommendations for highway improvement alternatives for the large portions of the Southeast Wisconsin system or specific corridors. LOS analysis reports, traffic pattern analysis reports, safety analysis reports, traffic data extracts, signal timing reports, and other analytical services. Some work may be required to be performed on client's premises.

For more information, contact John Shaw at (262)548-5951



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 2 (CONT.)

D2 2B Open to all firms Use the DT1819 NOI

Project ID: ID 0690-62-51

Specialty Master Contract

Intersection traffic counts at various locations

Three contracts will be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

Objective:

To support the District 2 highway improvement program, traffic forecasting program, and District traffic operations by preparing intersection traffic counts at various locations.

Scope:

Intersection turn counts prepared using traditional manual traffic counting techniques and/or advanced automated traffic detection technologies. The duration of the manual counts could typically vary from 2 to 16 hours, with 12 hours being the most frequently used duration. The duration of the automated intersection counts could typically vary from 24 hours to 7 days. Some locations may need to be counted on an urgent/priority basis. The specific locations to be counted and level of urgency will be stipulated in each work order.

Major Deliverables:

Intersection traffic count reports in a format to be specified by the District, including both processed data in paper and PDF files and semi-processed data in electronic format.

For more information, contact John Shaw at (262)548-5951.

D2 3B Open to all firms Use the DT1819 NOI

Project ID: 1000-12-29

Two-Party Contract

Intersection Traffic Counts at Various Locations

15 Aug 2004 - 30 June 2006

\$125,000

Two contracts will be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 2 (CONT.)

Objective:

To support the District 2 highway improvement program, traffic forecasting program, and District traffic operations by preparing intersection traffic counts at various locations.

Scope:

The consultant will supply personnel, vehicles, and equipment necessary to conduct and process intersection traffic counts at various locations throughout the District. Data will be collected using traditional manual traffic counting techniques and/or advanced automated traffic detection technologies. The duration of the manual counts could typically vary from 2 to 16 hours, with 12 hours being the most frequently used duration. The duration of the automated intersection counts could typically vary from 24 hours to 7 days. Some work may be required to be performed on client's premises.

Major Deliverables:

Intersection traffic count reports in a format to be specified by the District, including processed data in both paper and PDF formats, and semi-processed data in electronic format.

For more information, contact John Shaw at (262)548-5951.

D2 4B Open to all firms Use the DT1819 NOI

Project ID: 0690-62-48

Specialty Master Contract

Real Estate Services

Expires June 30, 2006 \$500,000

Three contracts will be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

Scope of services: acquisition, appraisal, scoping meetings, plat review, appraisal scoping checklists, relocation plans, residential relocations, commercial relocations, writing legal descriptions, purchase of wetland parcels, project cost estimating, public informational meetings, property owner meetings (real estate only), and attend monthly internal project status meetings.

For more information, call Craig Andersen at (262)548-8759.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 3

Scope of Service Narratives:

D3 1B

Project ID: 4140-20-00

Access Closure CTH T
CTH T (South) – CTH T (North)
STH 42/57
Door County

The department is soliciting for full service design engineering services to relocate the east leg of the CTH T connection to STH 42/57 east of the City of Sturgeon Bay in Door County. This project will relocate CTH T from its present location to a new intersection at the north end of Egg Harbor Road. The scope of this project includes: preliminary design, public involvement, environmental impacts, agency coordination, right of way plat developed, final design, real estate parcel appraisals and negotiations. The proposed intersection of STH 42/57 and CTH T will be evaluated for signalization. CTH T is currently a rural two-lane roadway and is approximately $\frac{3}{4}$ mile long.

For more information, contact P.F. O'Connor at (920)492-5641.

D3 2B

Project ID: 4065-12-00

Tayco Street – Racine Street
STH 114
Winnebago County
Projects tied on one contract

Project ID: 4065-13-00

Racine Street – Manitowoc Street
STH 114
Winnebago County

Project 4065-12-00 involves replacing the existing pavement along 3rd Street (STH 114) from Tayco Street to Racine Street in the City of Menasha, Winnebago County. The existing curb and gutter will be maintained. The total project length is roughly 0.4 miles. It is anticipated that the environmental documentation will be an ER. There is no anticipated real estate acquisition.

Project 4065-13-00 involves a complete urban reconstruction of 3rd Street (STH 114) from Racine street to Manitowoc street in the City of Menasha, Winnebago County. The total project length is roughly 0.45 miles. It is anticipated that the environmental documentation will be an ER.

For more information, contact Bill Bertrand at (920)492-5708.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 3 (CONT.)

D3 3B Open to all firms Use the DT1819 NOI

Project ID: 0691-03-44

Thermographic Bridge Deck Surveys
Specialty Master Contract
District Wide

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The scope of services shall consist of performing infrared thermographic deck, ground penetrating radar and other surveys, coring, chloride testing, comprehensive strength testing, petrographic analysis and other tests; preparing reports of findings, preparing mapping and graphs of bridge deck conditions.

For more information, contact Chris Blazek at (920)362-6211.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 4

Scope of Service Narratives:

D4 1A

Project ID: 6999-09-12

Business 51

North Rothschild Interchange

STH 29 Ramps

Everest Drive – Volkman Street

Village of Rothschild

Marathon County

The department is soliciting for design engineering services for the subject project. It is proposed to reconstruct the westbound STH 29 off ramp and to investigate re-aligning a portion of West Grand Avenue to properly align this intersection. The real estate and reconstruction costs to realign West Grand Avenue are not included in the construction costs and will need to be coordinated with the Village of Rothschild. Other proposed improvements include geometric modifications, signal system upgrades and railroad pre-emption. Turn lane capacity will be increased on all intersection approaches. The median access for Shopko Plaza (Coral Lanes Entrance) will be closed to increase left turn lane storage on all Business 51. Currently the westbound STH 29 off ramp and West Grand Avenue are geometrically offset from each other thus creating left turn conflicts with vehicles turning from these roadways. This left turn conflict coupled with very little turn lane capacity is creating excessive traffic back-ups and delays making the intersection inefficient.

It is also proposed to reconstruct the eastbound STH 29 off ramp to include dual left turn lanes and new signals. The temporary asphaltic 450-foot right turn lane will be removed and reconstructed to meet new standards. On Business 51, the northbound to westbound left turn pocket at this intersection will be eliminated to enhance pedestrian safety. Mainline pavement on Bus 51 will be rubbelized and overlaid. Currently the eastbound STH 29 off ramp experiences excessive traffic back-ups from the signal at Business 51. A temporary right turn lane was constructed as an interim solution prior to this project being constructed. Left turn volumes are exceeding the capacity a single turn lane can carry. The existing pavement on Business 51 has distressed joints, cracks, transverse faulting, and slab breakup.

Business 51 goes underneath STH 29 Structures B-37-063 and B-37-140. No work is proposed for these structures.

A programmatic environmental report (pER) is proposed. This project is on the National Highway System but is exempt from FHWA oversight.

An interview is not anticipated. The department will select a qualified firm from the submitted Notification of Interests. Interested consultants shall have experience in the design and operation of urban freeways and interchanges, signaling ramp termini, and railroad pre-emption.

For more information, contact Wendy Arneson, Project Leader, (715) 421-7391 or Dan Holloway, P.E. (715) 421-7305.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 4 (CONT.)

D4 1B

Project ID: 1009-40-90

Master Contract for Traffic Engineering Services

District wide

Contract Completion Date: June 30, 2005

Scope of Work: This solicitation is for three separate master contracts to provide traffic-engineering services on an "as needed" basis for various locations, district wide. Individual work orders will be generated for specific locations covering the specific tasks and completion timeframes on a "project by project" basis.

The traffic engineering services include, but are not limited to, Signal Warrant Investigation Studies, Traffic Volume Data Collection, Gap Analyses, Traffic Signal Plans, Traffic Signal Timing Plans, Signal Progression Studies, Preemption Timing, Work Zone Traffic Control Plans, Temporary Traffic Signal Plans, Traffic Signing and Marking Reviews and Plans, Intersection and Roadway Safety Analyses, Reviews and Analyses of Traffic Impact Analyses prepared by Developers, Reviews of Traffic Engineering Plans and Analyses prepared by other consultants for specific improvement and safety projects, and Field Surveys and Investigations. Feasibility study, design, and reviews related to Intelligent Transportation Systems.

All work associated with this scope shall be coordinated through the WisDOT, DTD4 office in Wisconsin Rapids. Other WisDOT Divisions and the Federal Highway Administration will require periodic reviews of various submittals. The WisDOT, DTD4 office, will coordinate reviews.

For more information contact, Ron Becker WisDOT, DTD4, District Traffic Supervisor at (715) 421-8347 or Roland Hawk, WisDOT, DTD4, PDS-Consultant Unit Leader/Project Engineer at (715)421-7361.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 8

Scope of Service Narratives:

D8 1C

Project ID: 8743-03-00

CONCEPT DEFINITION REPORT

Wisconsin Department of Transportation District 8

DT1627 99

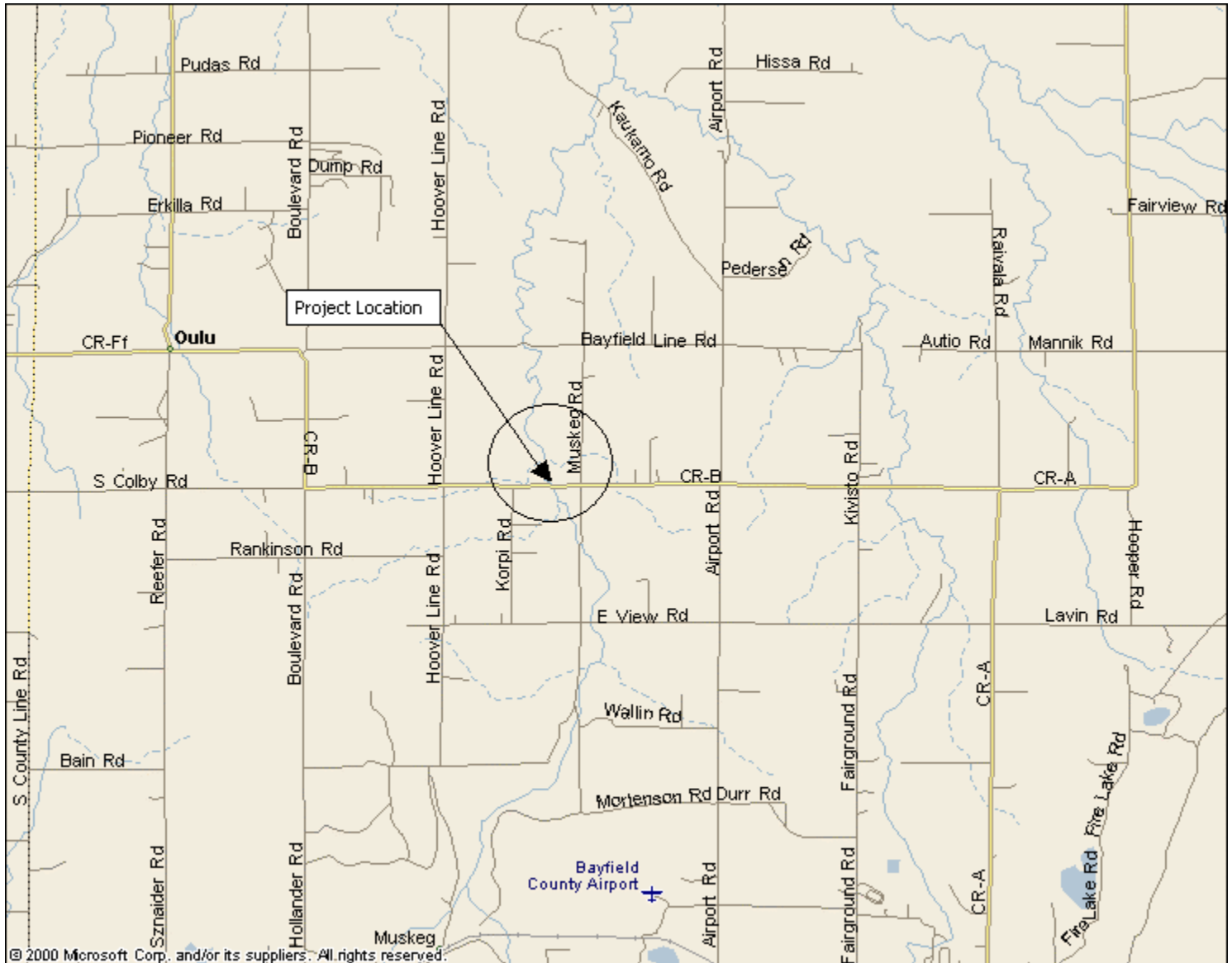
WisDOT Project ID Number 8743-03-71		Form Preparation Date February 18, 2004	
Highway or Local Road Name CTH B	Hwy N°/Letter B	County Bayfield	Length 0.10 mile
Project Limits/Title Muskeg Creek (3.25 miles west of CTH A)		Functional Class Major Collector	Current ADT 320
Project Description/Location (Sec-Twn-Range) Sec. 22,27 T48N R9W		Is Roadway on the National Highway System (NHS)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Roadway Condition			
Pavement:	Type Asphaltic	Width 24 feet	Year 1992
	Pavement Serviceability Index (PSI)	Pavement Distress Index (PSI)	International Roughness Index (IRI)
Shoulder:	Type Gravel	Width 1 foot	Year 1992
Substandard Alignment:	Horizontal <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Vertical <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Accident Rate Unknown
	Structure Condition		
Bridge:	Number <i>Existing:</i> <i>Proposed:</i>	Type	Year Constructed
	Clear Roadway Width 26 feet	Sufficiency Rating (SR) N/A	Rate Score (RS) N/A
Justification for Project—Describe Why Project Is Needed <i>The existing stream crossing has exceeded its useful life.</i>			
Proposed Improvement—Describe Scope of Work <i>Replace the existing structure with a new structure on the same alignment.</i> THIS PROJECT IS LOCATED IN A FLOOD HAZARD AREA			
Environmental Document Type III pER	Improvement Type Reconstruct	Cost	Program Year 2005
Local Approving Authority Bayfield	Local Participation 20%	Program Approval Date 2/12/04	Access Control N/A
Information Below to Be Completed by the WisDOT District Office			
Design ID 8743-03-00	Related ID's	PMSID	Program 206
Project Supervisor David Ostrowski			

For more information, contact Bayfield County Highway Commissioner Dale Brevak at (715)373-6115.



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 8 (CONT.)



Bayfield County Local Project Location



JUNE 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

DIVISION OF TRANSPORTATION INFRASTRUCTURE DEVELOPMENT BUREAU OF HIGHWAY DEVELOPMENT

Scope of Service Narratives:

BHD 1B

Project ID: 0656-22-06

Specialty Master Contract

Two contracts will be awarded

Provide transportation engineering visualization services.

The consultant shall have the technical capability to utilize and/or produce engineering accurate MicroStation, CAiCE (or equivalent) 3D models of proposed facilities and existing features.

Produce computer imaging, animation and simulation for upcoming road construction projects for analyzing engineering alternates and for use as a public outreach tool, especially where public involvement is crucial to the progress of projects.

Produce engineering accurate photo realistic still imagery or animated video imagery for presentation to the public. Include existing features, roadway geometry, pavement marking, medians, curb and gutter, sidewalks, intersection geometry, culverts, bridges, tunnels, retaining walls, landscaping, traffic signalization, lighting, vehicles, bicyclists, pedestrians, and other features necessary to convey pertinent concepts and spatial relationships to the public.

Produce virtual tours of portions of a project. Show complex areas of a project as seen from a driver's perspective. Produce perspective animations of the project as seen from above.

Produce simulations depicting existing and proposed level of service traffic volumes as photo realistic still imagery and/or photo realistic animated video imagery for presentation to the public.

For more information, contact Drew Kottke at (608)267-3153.